To: CN=Jeff Frithsen/OU=DC/O=USEPA/C=US@EPA[]

Cc: CN=Barbara Butler/OU=CI/O=USEPA/C=US@EPA;CN=Glenn

Suter/OU=CI/O=USEPA/C=US@EPA;CN=Joe

Ebersole/OU=COR/O=USEPA/C=US@EPA;CN=Kate Schofield/OU=DC/O=USEPA/C=US@EPA;CN=Sheila

Eckman/OU=R10/O=USEPA/C=US@EPA[]; N=Glenn

Suter/OU=CI/O=USEPA/C=US@EPA;CN=Joe

Ebersole/OU=COR/O=USEPA/C=US@EPA;CN=Kate

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Eckman/OU=R10/O=USEPA/C=US@EPA[]; N=Joe

Ebersole/OU=COR/O=USEPA/C=US@EPA;CN=Kate

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Eckman/OU=R10/O=USEPA/C=US@EPA[]

From: CN=Jim Wigington/OU=COR/O=USEPA/C=US

Sent: Tue 7/19/2011 3:41:59 PM

Subject: Re: Fw: TNC Water Quality Report and Appendices

dalbert@tnc.org nature.org (embedded image) (embedded image)

Good point.

Jim

Parker J. Wigington, Jr., Ph.D. Research Hydrologist

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To: Jim Wigington/COR/USEPA/US@EPA

Cc: Barbara Butler/CI/USEPA/US@EPA, Glenn Suter/CI/USEPA/US@EPA, Joe

Ebersole/COR/USEPA/US@EPA, Kate Schofield/DC/USEPA/US@EPA, Sheila Eckman/R10/USEPA/US@EPA

Date: 07/19/2011 08:41 AM

Subject: Re: Fw: TNC Water Quality Report and Appendices

Jim:

Ex. 5 - Deliberative

Jeff

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Chief, Exposure Analysis and Risk Characterization Group
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From: Jim Wigington/COR/USEPA/US
To: Jeff Frithsen/DC/USEPA/US@EPA

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Kate Schofield/DC/USEPA/US@EPA, Sheila Eckman/R10/USEPA/US@EPA

Date: 07/19/2011 11:37 AM

Subject: Re: Fw: TNC Water Quality Report and Appendices

Ex. 5 - Deliberative

Jim

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To: Barbara Butler/CI/USEPA/US@EPA, Glenn Suter/CI/USEPA/US@EPA, Jim

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Eckman/R10/USEPA/US@EPA Date: 07/18/2011 04:42 PM

Subject: Fw: TNC Water Quality Report and Appendices

FYI....

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----- Forwarded by Jeff Frithsen/DC/USEPA/US on 07/18/2011 07:40 PM -----

From: "David Albert" < dalbert@tnc.org>
To: Phil North/R10/USEPA/US@EPA

Cc: Jeff Frithsen/DC/USEPA/US@EPA, Glenn Suter/CI/USEPA/US@EPA, Palmer Hough/DC/USEPA/US@EPA,

<rseal@usgs.gov>

Date: 07/18/2011 07:38 PM

Subject: TNC Water Quality Report and Appendices

Hi Phil and team,

I am pleased to submit this TNC report Investigations of Surface Water Quality in the Nushagak, Kvichak and Chulitna watersheds in Southwest Alaska for your review and to support EPA's ongoing effort in the Bristol Bay Watershed Assessment. This work has been conducted as part of our program over the past several years to improve understanding of wild salmon and ecological systems in the Nushagak and Kvichak watersheds, including literature review and field studies of watershed hydrology, copper toxicity, fish and aquatic invertebrate

distributions, and an assessment of potential risks to wild salmon associated with large-scale mining. These efforts reflect our ongoing commitment to a science-based approach to conservation of the world-class water quality and fishery resources in these watersheds.

FYI, we are preparing to submit a comprehensive package of TNC materials resulting from these studies to EPA Regional Administrator Dennis McLerran, but in the meantime I wanted to make sure your team had immediate access to this report and database. Feel free to give me a call if you have any questions or would like further discussion.

Best, Dave Albert

Please consider the environment before printing this email

David Albert Spatial Ecologist, Dir. of Conservation Science

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[attachment "TNC_Water_Quality_Report_July2011.pdf" deleted by Jim Wigington/COR/USEPA/US] [attachment "TNC_WQ_Report_Appendices_July2011.zipx" deleted by Jim Wigington/COR/USEPA/US]